ABSTRACT

A non-aqueous electrolyte secondary cell including: a cathode containing a compound expressed by a general formula $A_xM_yPO_4$ (wherein A represents an alkali metal and M represents a transition element, which are contained in ranges: $0 < x \leq 2$ and $1 \leq y \leq 2$); an anode containing sintered carbon material prepared by sintering a carbon material capable of doping/dedoping lithium; and a non-aqueous electrolyte solution. This non-aqueous electrolyte secondary cell can exhibit a high temperature storage characteristic and a high capacity.